

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23108	(auto or automobile or car or vehicle or vehicular) and radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:25
L2	3386	fm-cw or cw-fm or fmcw or cwf or ((frequency adj modulated) and (continuous adj wave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L3	1052	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L4	24272	beat same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L5	375	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L6	1024547	peak or threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L7	244	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L8	26814	ascending same descending	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43

L9	48438	rising same falling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L10	164	upswing same downswing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L11	1008157	up same down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L12	1064589	8 9 10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L13	133	7 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L14	5024207	distance or range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L15	3161567	velocity or speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L16	1434993	14 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45

L17	133	13 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L18	92395	roadside or road-side or (road same side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L19	44	17 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L20	411341	roadside or road-side or (road same side) or road	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:21
L21	65	17 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:57
L22	4047	((342/70) or (342/71) or (342/72) or (342/109) or (342/111) or (342/115) or (342/192) or (342/196) or (340/435) or (340/436) or (701/301)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/06 13:04
L23	3291	22 and @ad<="20021017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 13:04

SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10682296

EAST: search history attached

Search terms:

(automotive <or> vehicular) <and> radar <and> (peak <or> threshold)

1 Vehicular pulse-radar with very low false alarm rate by on-off pulse control and adaptive threshold

Yong Cheol Kim; Byung Cheol Choi;

Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo. 2000
IEEE 51st , Volume: 2 , 15-18 May 2000

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2 An algorithm for detecting roads and obstacles in radar images

Kaliyaperumal, K.; Lakshmanan, S.; Kluge, K.;

Vehicular Technology, IEEE Transactions on , Volume: 50 , Issue: 1 , Jan. 2001

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3 Polarimetric characterization of debris and faults in the highway environment at millimeter-wave frequencies

Sarabandi, K.; Li, E.S.;

Antennas and Propagation, IEEE Transactions on , Volume: 48 , Issue: 11 , Nov. 2000

Pages:1756 - 1768

4 LEXLUTHER: an algorithm for detecting roads and obstacles in radar images

Lakshmanan, S.; Kaliyaperumal, K.; Kluge, K.;

Intelligent Transportation System, 1997. ITSC 97. IEEE Conference on , 9-12 Nov. 1997

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5 Novel method of decreasing influence of phase noise on FMCW radar

Kulpa, K.S.;

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6 A compact, 35 GHz, phase-locked gyrotron oscillator with subharmonic injection

Guo, H.; Carmel, Y.; Granatstein, V.L.; Scannell, E.; Spang, S.;

Plasma Science, 1990. IEEE Conference Record - Abstracts., 1990 IEEE International Conference on , 21-23 May 1990

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7 Principles of space-time array processing for ultrawide-band impulse radar and radio communications

Hussain, M.G.M.;

Vehicular Technology, IEEE Transactions on , Volume: 51 , Issue: 3 , May 2002

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8 A locally optimal handoff algorithm for cellular communications

Veeravalli, V.V.; Kelly, O.E.;

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Pages:603 - 609

9 Effect of radar polarizations on detectability of debris on roads at millimeter-wave frequencies

Sarabandi, K.; Li, E.S.;

Antennas and Propagation Society International Symposium, 1999. IEEE , Volume: 4 , 11-16 July 1999

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10 Cost-minimized 24 GHz pulse oscillator for short-range automotive radar applications

Kryshtopin, A.; Sevskiy, G.; Markov, K.; Heide, P.; Nalezinski, M.; Roskosch, R.; Vossiek, M.;

Microwave Conference, 2003. 33rd European , Volume: 3 , 7-9 Oct. 2003

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11 A basic study of millimeter-wave absorber for two frequency bands using transparent resistive films

Soh, T.; Kondo, A.; Toyota, M.; Hashimoto, O.;

Electromagnetic Compatibility, 2003 IEEE International Symposium on , Volume: 1 , 18-22 Aug. 2003

Pages:149 - 154 vol.1

12 Impacts of mobile radar and telecommunications systems on Earth remote sensing in the 22-27 GHz range

Gasiewski, A.J.; Ruf, C.S.; Younis, M.; Wesbeck, W.;

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International , Volume: 3 , 24-28 June 2002

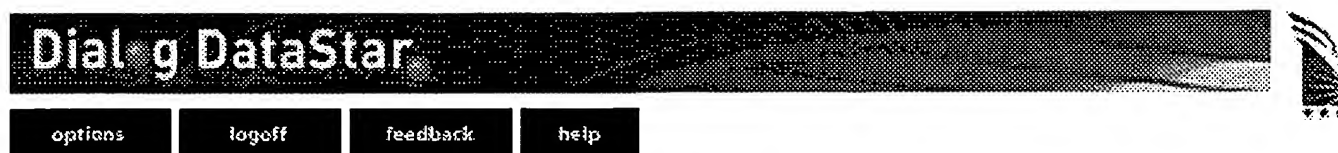
Pages:1679 - 1681 vol.3

13 Close, but no cigar: assessment of a headway warning device

Groeger, J.A.;

Automotive Radar and Navigation Techniques (Ref. No. 1998/230), IEE Colloquium on , 9 Feb. 1998

Pages:5/1 - 5/4



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1996. (INZZ) A method for accomplishing accurate RCS image in compact range.

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1994. (INZZ) Frequency modulated continuous wave **radar** signal processing to improve active safety features.

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1990. (INZZ) A compact, 35 GHz, phase-locked gyrotron oscillator with subharmonic injection.

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A screenshot of a file explorer window. The title bar at the top reads "C:\Program Files\Internet Explorer\Internet Explorer". Below the title bar is a menu bar with "File", "Edit", "View", "Tools", "Options", "Help", and "Address". The address bar shows "C:\Program Files\Internet Explorer\Internet Explorer". The main pane displays a list of files and folders. The files are: "342/70", "342/71", "342/72", "342/109", "342/111", "342/115", "342/192", "342/196", "340/435", "340/436", and "701/301". The folders are: "342/70", "342/71", "342/72", "342/109", "342/111", "342/115", "342/192", "342/196", "340/435", "340/436", and "701/301". The status bar at the bottom shows "C:\Program Files\Internet Explorer\Internet Explorer".

The screenshot shows the NARA website's search results page. The top navigation bar includes links for 'Home', 'About', 'FAQ', 'Image', 'Text', and 'HTML'. The main content area is divided into two columns. The left column lists search results, and the right column provides details for the selected document, '342/70'. The search results table has columns for 'Document ID', 'Kind Codes', 'Source', 'Issued Date', 'Pages', 'Title', and 'Inventory'. The details table has columns for 'Search Terms', 'Total', 'USPAI', 'USPOI', 'EPO', 'IPO', and 'Deriv'. The '342/70' document is highlighted in blue.

Document ID	Kind Codes	Source	Issued Date	Pages	Title	Inventory
342/70						
342/71						

Search Terms	Total	USPAI	USPOI	EPO	IPO	Deriv
342/70	816					
342/71	1079					
342/72	380					
342/73	114					
342/74	268					
342/75	471					
342/76	474					
342/77	763					
342/78	325					

The '342/70' document is highlighted in blue. The details table for '342/70' is as follows:

Search Terms	Total	USPAI	USPOI	EPO	IPO	Deriv
342/70	816					